

Scout Report sent out

Noted in the NID File

Location map pinned

Approval or Disapproval Letter

Date Completed, P. & A. or
operations suspended

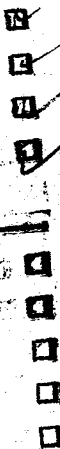
Pin changed on location map

Affidavit and Record of A & P

Water Shut-Off Test

Gas-Oil Ratio Test

Well Log Filed



Started Injecting as of 5-27-64

FILE NOTATIONS

Entered in NID File

Scout Report Shot

Location Map Pinned

Card not filed

IWR for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA

Date Well Completed 3-5-58

GW ✓ VV ✓ TA ✓

GW ✓ CS ✓ PA ✓

Location Inspected

Bound released

State of Fee Land

LOGS FILED

Driller's Log 3-21-58

Electric Logs (No.) 3

E ✓ I ✓ E-I ✓ GR ✓ GR-N ✓ Micro ✓

Lat. ✓ Mi-L ✓ Sonic ✓ Others Radioactive

(SUBMIT IN TRIPLICATE)

Indian Agency NavajoUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAllottee TribalLease No. 14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Denver, Colorado January 17, 19 58Desert "A"Well No. 6 is located 1980 ft. from S line and 660 ft. from E line of sec. 18NE/4 SE/4 Sec. 18
(1/4 Sec. and Sec. No.)41S
(Twp.)24E
(Range)S.L.M.
(Meridian)Ratherford
(Field)San Juan
(County or Subdivision)Utah
(State or Territory)The elevation of the ~~formation~~ ^{ground} above sea level is 4777 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drill 17-1/4" hole to approximately 150', set 150' of 13-3/8" conductor pipe and cement to surface. Drill 11" hole to approximately 1400', set 8-5/8" casing and cement to surface. Drill 7-7/8" hole to total depth of approximately 5800', run 5-1/2" casing and cement with approximately 600 sacks. Complete in Paradox formation.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum CompanyAddress 1200 Denver Club BuildingDenver 2, Colorado

By

W. M. Schul

Title

Division Superintendent

Company **PHILLIPS PETROLEUM COMPANY**

Lease **DESERT** Well No.

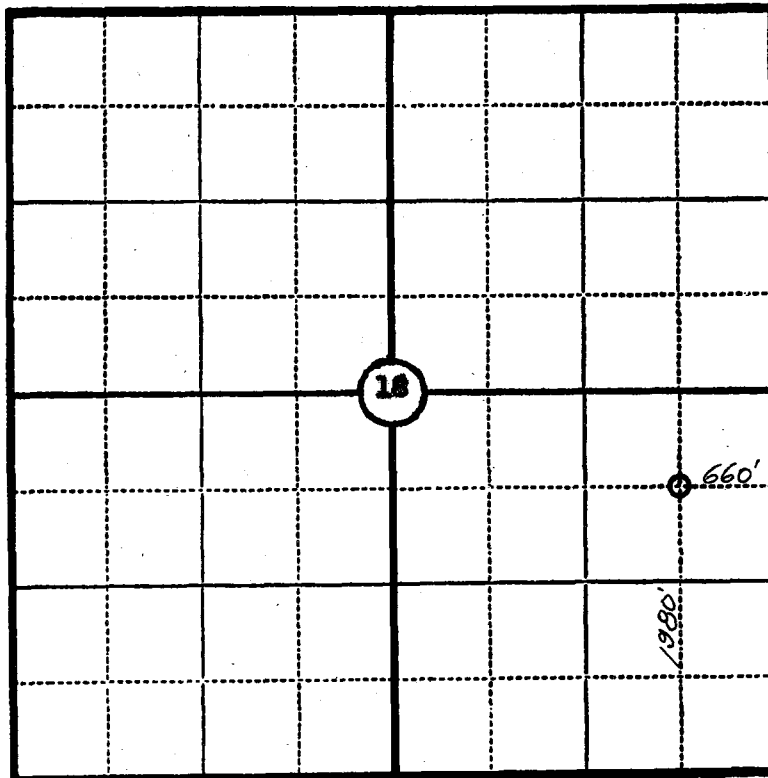
Sec. **18**, T. **41 S.**, R. **24 E.**, S. **14 N.**

Location **1980' FROM THE SOUTH LINE AND 660' FROM THE EAST LINE.**

Elevation **4777.0 UNGRADED GROUND.**

SAN JUAN COUNTY

UTAH



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:

James P. Loese

Registered Land Surveyor.

James P. Loese

Utah Reg. No. 1472

Surveyed **23 October**, 19**57**

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

January 20, 1958

Phillips Petroleum Company
1200 Denver Club Building
Denver, Colorado

Attention: W. M. Schul, Division Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Desert A-6, which is to be located 1980 feet from the south line and 660 feet from the east line of Section 18, Township 41 South, Range 24 East, S1EM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

OLEON B. FREIGHT
SECRETARY

CBF:en

cc: Phil McGrath
USGS, Farmington,
New Mexico

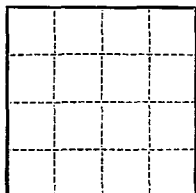
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-355



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Denver, Colorado February 6, 1958

Desert "A"
Well No. 6 is located 1980 ft. from S line and 660 ft. from E line of sec. 18

NE 1/4 SE 1/4 Sec. 18 A15 24E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Ratherford San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~surface~~ ^{ground} above sea level is 4777 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 17 1/2" hole at 7:00 p.m. 2-3-58. Drilled to 175'. Ran 13-3/8" OD 27.1# Armo S. 33 casing set at 175' RKB and cemented with 175 sacks regular cement. Pumped plug to 155', cement circulated. WOC 24 hours, tested casing with 500# for 30 minutes, held OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum Company

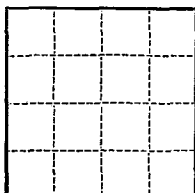
Address 1200 Denver Club Building

Denver 2, Colorado

By W. M. Schul

Title Division Superintendent

(SUBMIT IN TRIPLICATE)

Indian Agency NamajoUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYAllottee TribalLease No. 14-20-603-355

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Denver, Colorado February 13, 1958Well No. Desert "A" 6 is located 1900 ft. from N line and 640 ft. from E line of sec. 18NE/4 SE/4 Sec 18 41S 24E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Ratherford San Juan Utah
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 4790 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled to 1565'. Ran 8-5/8" OD 24# J-55 casing set at 1564' RKB. Cemented with 167 sacks regular cement, 63 sacks Diacel "D", 315# calcium chloride, 333# Tuf Plug, 24# Floccle, followed with 100 sacks neat cement. Pumped plug to 1531' at 7:35 p.m. 2-6-58. Cement did not circulate. Ran 1" pipe outside 8-5/8" casing and recemented with 175 sacks regular cement, cement circulated. After 4 hours, ran 1" pipe to 90', recemented with 55 sacks, filled to 20' and held. Recemented by pouring 8 sacks on outside of 8-5/8" casing. Job completed 11:00 p.m. 2-7-58. Tested blowout preventer and casing with 900# for 30 minutes, held OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum CompanyAddress 1200 Denver Club BuildingDenver 2, ColoradoBy W. H. Schul
Title Division Superintendent

PHILLIPS PETROLEUM COMPANY

Denver 2, Colorado

March 3, 1958

71/H
3-10

Mr. Cleon B. Feight
Secretary
Utah Oil & Gas Conservation Commission
State Capitol Building
Salt Lake City, Utah

Dear Mr. Feight:

Attached you will find two copies of each of the following logs run on Phillips Petroleum Company - Aztec Oil and Gas Company's Desert "A" #6, San Juan County, Utah.

1. Schlumberger Induction-Electrical Log
2. Schlumberger MicroLogging

Very truly yours,

PHILLIPS PETROLEUM COMPANY



W. M. Schul
Division Superintendent

CCK:lb

Attachments

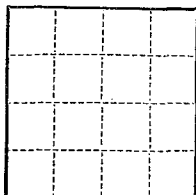
(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Tribal

Lease No. 14-20-603-355



SUNDRY NOTICES AND REPORTS ON WELLS

71/K
3-10

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	X
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Denver, Colorado March 4, 19 58

Desert "A"

Well No. 6 is located 1980 ft. from AN line and 660 ft. from E line of sec. 18

NE/4 SE/4 Sec. 18

41S

24E

S.L.M.

(¼ Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Ratherford

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 4790 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled to 5785. Ran 5-1/2" OD 14# and 15.5# J-55 casing set at 5780' RKB. Cemented with 555 cu.ft. 40% Diacel "D" with 4% calcium chloride blend. 132 sacks regular cement, 100 sacks Diacel "D", 500# calcium chloride. Pumped plug to 5746' at 4:50 p.m. February 28, 1958. WOC 24 hours, tested casing with 500# for 30 minutes, held OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Phillips Petroleum Company

Address 1200 Denver Club Building

Denver 2, Colorado

By

W. M. Schul

Title Division Superintendent

PHILLIPS PETROLEUM COMPANY

1200 Denver Club Building
Denver 2, Colorado

March 6, 1958

Mr. Cleon B. Feight
Secretary
Utah Oil & Gas Conservation Commission
State Capitol Building
Salt Lake City, Utah

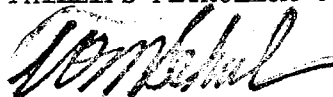
Dear Mr. Feight:

Attached you will find two copies of the following log ran on Phillips Petroleum Company - Aztec Oil and Gas Company's Desert "A" #6, San Juan County, Utah.

1. Lane Wells Radioactivity Log.

Very truly yours,

PHILLIPS PETROLEUM COMPANY



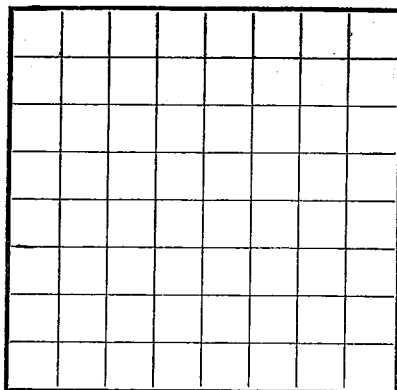
W. M. Schul
Division Superintendent

CCK:lb

Enclosures

Form 9-330

U. S. LAND OFFICE **Navajo**
SERIAL NUMBER **14-20-603-355**
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Phillips Petroleum Co. - Address 1200 Denver Club Bldg.
Aztec Oil & Gas Co. Denver 2, Colorado
Lessor or Tract Desert. "A" Field Ratherford State Utah
Well No. 6 Sec. 18 T. 41S R. 24E Meridian S.L.M. County San Juan
Location 1980 ft. N. of S. Line and 660 ft. W. of E. Line of Section 18 Elevation 4790
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]
Date March 18, 1958 Title Division Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling February 3, 1958 Finished drilling March 2, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5569 to 5728 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13-3/8"	27.1#	SJ	Armco	160'	Baker				
8-5/8"	24#	8R	J-55	1581'	Baker				
5-1/2"	15.5#	8R	J-55	230'	Baker		5569-82,	5656-64,	5673-95,
5-1/2"	14#	8R	J-55	5556'			5707-12,	5718-28,	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	175'	175	Circ.		
8-5/8"	1564'	330	Howco		
5-1/2"	5780'	232	Howco		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

FOLD MARK

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 5785 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 18, 1958 Put to producing March 5, 1958

The production for the first 4 hours was 162 barrels of fluid of which 100 % was oil; _____ %
 emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 42

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 420#

EMPLOYEES

Moran Bros., Inc. _____, Driller _____, Driller
 _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1524	2355	831	Chinle
2355	2418	63	Shinarump
2418	2562	144	Moenkopi
2562	2655	93	Hoskinini
2655	2820	165	De Chelly
2820	4060	1240	Organ Rock
4060	4573	513	Rico
4563	5560	997	Upper Hermosa
5560	5785	225	Paradox

[OVER]

16-43094-4

ACQUISITION SECTION - CRANFORD

MAR 21 1958

RECEIVED ON 12-20-58

RECEIVED 12-20-58

RECEIVED 12-20-58

RECEIVED 12-20-58

DATE		WELL NO.		WELL NAME		COUNTY		STATE	
<p align="center">PRODUCING RECORD</p>									
DATE		WELL NO.		WELL NAME		COUNTY		STATE	
<p align="center">SHUT-IN AND VOLUME</p>									
DATE		WELL NO.		WELL NAME		COUNTY		STATE	
<p align="center">SHUT-IN AND VOLUME</p>									
DATE		WELL NO.		WELL NAME		COUNTY		STATE	
<p align="center">SHUT-IN AND VOLUME</p>									

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spudded at 7:00 P.M. February 3, 1958. Drilled to 175', ran 13-3/8" OD 27.1# Armco SW SJ casing set 175' RKB and cemented with 175 sacks regular cement. Pumped plug to 155', cement circulated. WOC 24 hours, tested casing with 500# for 30 minutes, held OK. Drilled to 1565', ran 8-5/8" OD 24# J-55 casing set at 1564' RKB. Cemented with 167 sacks regular cement, 63 sacks Diacel "D", 315# calcium chloride, 333# Tuf Plug, 84# Flocele, followed with 100 sacks neat cement. Pumped plug to 1531'. Ran 1" pipe outside 8-5/8" casing and recemented with 175 sacks. After 4 hours, ran 1" pipe to 90' and recemented with 55 sacks, filled to 20' and held. Poured 8 sacks cement on outside of 8-5/8". Job completed 11:00 P.M. February 7, 1958. Tested blowout preventer and casing with 900# for 30 minutes, held OK. Drilled to 5785', ran 5 1/2" OD 14# and 15.5# J-55 casing set at 5780' RKB. Cemented with 132 sacks regular cement, 100 sacks Diacel "D", 500# calcium chloride. Pumped plug to 5746' at 4:50 P.M. February 28, 1958. WOC 24 hours, tested casing with 500# for 30 minutes, held OK. Went in with tubing and bit, checked depth 5743'. Perforated with Lane-Wells cone shots, 4 shots per foot, 5569-82', 5656-64', 5673-95', 5707-12", 5718-28'. Acidized with 6000 gallons Dowell regular 15% acid. Maximum treating pressure 3400#, minimum 2000#. Flushed with 35 barrels oil. Average treating rate 5.5 barrels per minutes. Swabbed 2 hours, kicked off and flowed 1 hour to pits to clean up. Flowed to tanks 4 hours, 162 barrels oil on 3/4" choke. Opening tubing pressure 270#, final 420#. Producing rate 971 BOFD. GOR 732.

DATE		WELL NO.		WELL NAME		COUNTY		STATE	
<p align="center">PRODUCING RECORD</p>									
DATE		WELL NO.		WELL NAME		COUNTY		STATE	
<p align="center">SHUT-IN AND VOLUME</p>									
DATE		WELL NO.		WELL NAME		COUNTY		STATE	
<p align="center">SHUT-IN AND VOLUME</p>									
DATE		WELL NO.		WELL NAME		COUNTY		STATE	
<p align="center">SHUT-IN AND VOLUME</p>									

HISTORY OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 21 1958

DATE OF REPORT TO BUREAU	DATE OF REPORT TO FIELD
REPORT NO.	REPORT NO.
REPORT TO FIELD	REPORT TO FIELD



PHILLIPS PETROLEUM COMPANY
P. O. Drawer 1150
Cortez, Colorado

June 1, 1964

Utah Oil & Gas Conservation Commission
310 Newhouse Building
Salt Lake City 11, Utah

Attention: Mr. Cleon B. Reight

Dear Sirs:

In accordance with Rule E-4 of the Utah General Rules and Regulations, we wish to advise that the following wells located on the Ratherford Unit in San Juan County, Utah, were converted to water injection wells.

<u>Old Well No.</u>	<u>New Well No.</u>	<u>Date Converted</u>	<u>Injection Rate</u>	<u>Injection Pressure</u>
29-21	29W21	5-24-64	3365 BWPD	Vacuum
18-43	18W43	5-27-64	2183 BWPD	Vacuum

Very truly yours,

PHILLIPS PETROLEUM COMPANY

C. M. Boles
Area Superintendent

bh

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRANSMITTAL*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-955

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

19443

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

18-41S-24E, 31N

12. COUNTY OF TERRITORY

San Juan

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/>	Water Injection Well
2. NAME OF OPERATOR	Phillips Petroleum Company
3. ADDRESS OF OPERATOR	P. O. Drawer 1150, Cortez, Colorado
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	1980' from South Line, 660' from East Line NE SE Sec, 18
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4790 DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

Convert well to Water Injection

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pulled rods and tubing, steam cleaned and reran 2½" tubing with Marlex liner and Baker Tension Packer. Hooked well up for water injection. Started injecting water 5-27-64. Changed Well Classification from Oil Well to Water Injection Well and Well Number from 18-43 to 18-43 due to conversion to Water Injection Well effective 5-27-64.

Previous Production from Greater Aneth Field, Paradox formation, Desert Creek Zone:

27 BOPD, 80 MCFOPD, 0 EOPD.

Present Injection Rate: 2183 BWPD on vacuum through 26/64" choke.

18. I hereby certify that the foregoing is true and correct

SIGNED

G. M. Boles

TITLE

Area Supt.

DATE

6-23-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN ~~REVERSE~~ SIDE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> Water Injection Well		5. LEASE/DESIGNATION AND SERIAL NO. 14-20-603-355
2. NAME OF OPERATOR Phillips Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe
3. ADDRESS OF OPERATOR P. O. Drawer 1150, Cortez, Colorado		7. UNIT AGREEMENT NAME SW-I-4192
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' from South Line, 660' from East Line NE SE Sec. 18		8. FARM OR LEASE NAME Rutherford Unit
14. PERMIT NO.		9. WELL NO. 1843
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4790 DF		10. FIELD AND POOL, OR WILDCAT Greater Aneth
		11. SEC. T., R., M., OR BLK. AND SURVEY OR AREA 18-41S-24E, 31M
		12. COUNTY OR PARISH 13. STATE San Juan Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/> Convert well to Water Injection	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Pulled rods and tubing, steam cleaned and reran 2 1/2" tubing with Marlex liner and Baker Tension Packer. Hooked well up for water injection. Started injecting water 5-27-64. Changed Well Classification from Oil Well to Water Injection Well and Well Number from 18-43 to 1843 due to conversion to Water Injection Well effective 5-27-64.

**Previous Production from Greater Aneth Field, Paradox formation, Desert Creek Zone:
27 BOFPD, 80 MCFOPD, 0 BFPD.**

Present Injection Rate: 2183 BWPD on vacuum through 26/64" choke.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. M. Boles

TITLE

Area Supt.

DATE

6-23-64

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well	5. LEASE DESIGNATION AND SERIAL NO. 11-20-603-358
2. NAME OF OPERATOR Phillips Petroleum Company	6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe
3. ADDRESS OF OPERATOR Drauer 1150, Cortez, Colorado	7. UNIT AGREEMENT NAME SW-1-4192
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FBL, 660' FBL, Section 18	8. FARM OR LEASE NAME Rutherford Unit
14. PERMIT NO.	9. WELL NO. 1943
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4790' DF	10. FIELD AND POOL, OR WILDCAT Greater Aneth Field
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 18-418-24E, 5TH SIM
	12. COUNTY San Juan 13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☒REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

In attempt to increase water injection rate, treat well with 2000 gallons of 15% regular with 2 gallons of A-110 additive per 1000 gallons of acid, 100% of J-145, and 2000 gallons of 15% regular acid with 2 gallons of A-110 additive per 1000 gallons of acid.

Present Injection rate: 1095 BWPD at 340%.

18. I hereby certify that the foregoing is true and correct

SIGNED

G. M. Dolan

TITLE

District Superintendent

DATE

10-13-65

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

11-20-603-355

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

SM-I-4192

8. FARM OR LEASE NAME

Rathurford Unit

9. WELL NO.

1843

10. FIELD AND POOL, OR WILDCAT

Greater Anoth Field

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

12-415-24E, TYPE SIM

12. COUNTY OR PARISH 13. STATE

San Juan Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL ☐ WELL GAS ☐ WELL OTHER ☒ Water Injection Well

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

Drawer 1150, Cortez, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FBL, 660' FEL, Section 18

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4790' DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☒REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

In attempt to increase water injection rate, treat well with 2000 gallons of 15% regular with 2 gallons of A-110 additive per 1000 gallons of acid, 100# of J-145, and 2000 gallons of 15% regular acid with 2 gallons of A-110 additive per 1000 gallons of acid.

Present Injection rate: 1095 BWPD at 340%.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. M. Boles

TITLE

District Superintendent

DATE

10-13-65

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

December 15, 1965

Phillips Petroleum Company
Drawer 1150
Cortez, Colorado

Gentlemen:

Upon checking our files we note that we have not received subsequent reports for the following wells:

RATHERFORD UNIT #9W21,
Sec. 9, T. 41 S., R. 24 E.

Shoot or Acidize

RATHERFORD UNIT #12-31,
Sec. 12, T. 41 S., R. 23 E.

Perforate Ismay & Acidize

RATHERFORD UNIT #18W43,
Sec. 18, T. 41 S., R. 24 E.

Shoot or acidize

RATHERFORD UNIT #18W21,
Sec. 18, T. 41 S., R. 24 E.

Shoot or acidize

RATHERFORD UNIT #12W44,
Sec. 12, T. 41 S., R. 23 E.

Shoot or acidize

RATHERFORD UNIT #21W41,
Sec. 21, T. 41 S., R. 24 E.

Shoot or acidize

RATHERFORD UNIT #21W21,
Sec. 21, T. 41 S., R. 24 E.

Shoot or acidize

Phillips Petroleum Company
Drawer 1150
Cortez, Colorado

(2)

RATHERFORD UNIT #15W23,
Sec. 15, T. 41 S., R. 24 E.

Shoot or acidize

RATHERFORD UNIT #16W43,
Sec. 16, T. 41 S., R. 24 E.

Shoot or acidize

Your attention to this matter will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ANNETTE R. HANSEN
RECORDS CLERK

arh

Enclosures: OGCC-1b

Handwritten signature in the top left corner.

THE LIFE OF THE COMPANY
1000 1000 1000
1000 1000 1000

January 12, 1966

In re: Ratherford Unit Monthly Operating Report
January 1966

Page No. 3

Ratherford Unit 16W43 (Acid Job)

On January 19, 1966 acidized well through 2½" bare tubing and packer with 15,000 gallons 15% regular acid, 15,000 gallons fresh water, 400 gallons temporary block with 72 ball sealers in 3 stages as follows: First stage 5000 gallons 15% acid followed by 5000 gallons fresh water, 200 gallons block, 40 ball sealers. Second stage 5000 gallons 15% acid followed by 5000 gallons fresh water, 200 gallons block, 30 ball sealers. Third stage 5000 gallons 15% acid followed by 6000 gallons fresh water. Injectivity was 117 BWPD at 2520# before the treatment and 150 BWPD at 2450# following the treatment.

Ratherford Unit 18W43 (Acid Job)

On January 19, 1966 acidized well through 2½" tubing with Marlex liner and packer with 2000 gallons 15% regular acid, 250 gallons temporary block, and 2000 gallons 15% regular acid. Injectivity increased from 1081 BWPD at 480# before the treatment to 1638 BWPD at 490# following the treatment.

Ratherford Unit 21W41 (Acid Job)

On January 5, 1966 acidized well through 2" tubing and Marlex liner and packer with 15,000 gallons 28% acid, 15,000 gallons fresh water, and 1000 gallons salt plug in three stages as follows: First stage 5000 gallons 28% acid followed by 5000 gallons fresh water and 500 gallons salt plug. Second stage 5000 gallons 28% acid followed by 5000 gallons fresh water and 500 gallons salt plug. Third stage 5000 gallons 28% acid followed by 5000 gallons fresh water. Injectivity increased from 48 BWPD at 2535# before the treatment to 798 BWPD at 2425# following the treatment.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN THE STATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-255

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

SU-I-112

8. FARM OR LEASE NAME

Rathertown Unit

9. WELL NO.

1043

10. FIELD AND POOL, OR WILDCAT

Greater Aneth Field

11. SEC. T. R. M. OR BLM. AND
SURVEY OR AREA

13-11-215, 61M

12. COUNTY 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL ☐ WELL GAS ☐ WELL OTHER ☒ Water Injection Well
2. NAME OF OPERATOR Phillips Petroleum Company
3. ADDRESS OF OPERATOR Drawer 1150, Cortez, Colorado 81321
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
1980' FSL, 660' FSL, Section 18

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4790' DF

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Acidized well (1-19-66):

Acidized Desert Creek through 2½" tubing with Marlex liner and packer with 2000 gallons 15% regular acid, 250 gallons Sol Bleck, followed with 2000 gallons 15% regular acid. Overall treating rate 5.5 BFM. Instantaneous SIP 100%. Resumed injection.

PREVIOUS INJECTION RATE: Injected 1081 BWPD at 480%.

PRESENT INJECTION RATE: Injected 1638 BWPD at 490%.

18. I hereby certify that the foregoing is true and correct

SIGNED

G. M. Balen

TITLE

District Superintendent

DATE

2-7-66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN _____ DATE _____
(Other instructions on re-verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-355

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribe

7. UNIT AGREEMENT NAME

SW-I-4192

8. FARM OR LEASE NAME

Rutherford Unit

9. WELL NO.

1843

10. FIELD AND POOL, OR WILDCAT

Greater Aneth Field

11. SEC., T., R., M. FOR B.L. AND
SURVEY OR AREA

18-419-24E, SIM

12. COUNTY _____ 13. STATE

San Juan

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☒ Water Injection Well
2. NAME OF OPERATOR
Phillips Petroleum Company
3. ADDRESS OF OPERATOR
Drawer 1150, Cortez, Colorado 81321
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FSL, 660' FEL, Section 18

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4790' DF

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☒(Other) ☐REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Acidized well (1-19-66):

Acidized Desert Creek through 2½" tubing with Marlex liner and packer with 2000 gallons 15% regular acid, 250 gallons Sol Block, followed with 2000 gallons 15% regular acid. Overall treating rate 5.5 BPM. Instantaneous SIP 3400#. Resumed injection.

PREVIOUS INJECTION RATE: Injected 1081 BWPD at 480#.

PRESENT INJECTION RATE: Injected 1638 BWPD at 490#.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. M. Boles

TITLE

District Superintendent

DATE

2-7-66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF
PHILLIPS PETROLEUM COMPANY

CAUSE NO. C-3(B)

ADDRESS P.O. BOX 2920
CASPER, WYOMING ZIP 82602
INDIVIDUAL PARTNERSHIP ☒ CORPORATION
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE 18W43 WELL
SEC. 18 TWP. 41S RANGE 24E
SAN JUAN COUNTY, UTAH

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐
LP GAS STORAGE ☐
EXISTING WELL (RULE I-4) ☒

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced recovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name Ratherford Unit	Well No. 18W43	Field Greater Aneth	County San Juan
Location of Enhanced Recovery Injection or Disposal Well 18W43 Sec. 18 Twp. 41S Rge. 24E			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date 5-83	
Depth-Base Lowest Known Wingate Fresh Water Within 1/2 Mile 1550'	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What Oil & Gas
Location of Injection Source(s) Desert Creek Paradox I & II San Juan River	Geologic Name(s) and Depth of Source(s) Desert Creek (5567') San Juan River (Surface)		
Geologic Name of Injection Zone Desert Creek I & II + III	Depth of Injection Interval 5569 to 5728		
a. Top of the Perforated Interval: 5569	b. Base of Fresh Water: 1550'	c. Intervening Thickness (a minus b) 4019	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES NO See Attachment #4			
Lithology of Intervening Zones See Attachment #1			
Injection Rates and Pressures Collapsed Casing SD 6-11-71 Maximum _____ B/D PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent. Navajo Tribe, Minerals Dept., P.O. Box 146, Window Rock, AZ 86515 Superior Oil, P.O. Box 4530, The Woodlands, TX 77380 Texaco Inc., P.O. Box 2100, Denver, CO 80201 Southland Royalty, 1000 Fort Worth Club Tower, Fort Worth, TX 76102			

State of Wyoming

PHILLIPS PETROLEUM COMPANY

County of Natrona

Applicant

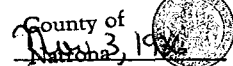
Before me, the undersigned authority, on this day personally appeared A. E. Stuart known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 21st day of Sept, 19 83

SEAL

DONALD L. HUDSON - Notary Public

My commission expires



State of Wyoming

Notary Public in and for Natrona Co., Wyoming

My Commission Expires Nov. 3, 1986

1. Attach qualitative and quantitative analysis of representative sample of water to be injected and a qualitative and quantitative analysis of the injection formation of water.
2. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within one-half mile, together and with the name of the operator(s).
3. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division or appropriate government agencies.)
4. Attach Electric or Radioactivity Log of Subject well (if released).
5. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
6. If the application is for a NEW well the original and six (6) copies of the application and three (3) complete sets of attachments shall be mailed to the Division. For EXISTING well applications (Rule I-4) only ONE copy of the application and ONE complete set of attachments are required to be mailed to the Division.
7. The Division is required to send notice of application to the surface owner of the land within one-half mile of the injection well and to each operator of a producing leasehold within one-half mile of the injection well. List all required names and addresses in the appropriate space provided on the front of this form.
8. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county of publication before the application is approved. The notice shall include the name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application may be approved administratively.
9. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed by January 31st each year.
10. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
11. If there is less intervening thickness required by Rule I-5 (b) 4, attach sworn evidence and data.
12. For enhanced recovery projects, information required by Rule I-4 which is common to more than one well, need be reported only once on the application.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	13 3/8	174.80	175	Surface	Returns
Intermediate	8 5/8	1564	330	Surface	Returns
Production	5 1/2	5779.98	232	5078	CALCULATED
Tubing	2 1/2	5493.72	Name - Type - Depth of Tubing Packer Baker Model A Tension PKR 5493.72		
Total Depth 5785	Geologic Name - Inj. Zone Desert Creek I, II, & III		Depth - Top of Inj. Interval 5569		Depth - Base of Inj. Interval 5728

(To be filed within 30 days after drilling is completed) 14-20-603- 355

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

LEASE NO.

API NO. 43-037- 16419

640 Acres
N

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

COUNTY San Juan SEC. 18 TWP. 41S RGE. 24E

COMPANY OPERATING Phillips Petroleum Company

OFFICE ADDRESS P.O. Box 2920

TOWN Casper STATE WY ZIP 82602

FARM NAME ----- WELL NO. 18W43

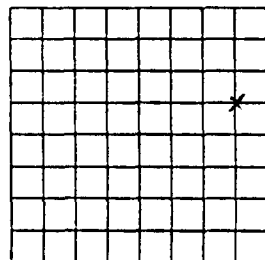
DRILLING STARTED 2-2 19 58 DRILLING FINISHED 3-2 19 58

DATE OF FIRST PRODUCTION 3-5-58 COMPLETED 3-5-58

WELL LOCATED SE $\frac{1}{4}$ NE $\frac{1}{4}$ EL

1980 FT. FROM SL OF $\frac{1}{4}$ SEC. & 660 FT. FROM WL OF $\frac{1}{4}$ SEC.

ELEVATION BERRICK FLOOR 4790 GROUND 4780.8



Locate Well Correctly
and Outline Lease

RKB

TYPE COMPLETION

Single Zone -----

Multiple Zone X

Comingled -----

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Desert Creek I	5569	5664			
Desert Creek II	5673	5712			
Desert Creek III	5718	5728			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt.	Grade	Feet	Psi	Sax	Fillup	Top
13-3/8	27.1	H-40	161.60	No test	175		Surface
8-5/8	24	J-55	1801	900	330		Surface
5-1/2	15.5	J-55	5767.54	500	232	700	5078

PBTD 5743

TOTAL DEPTH 5785

PACKERS SET

DEPTH Baker Model A Tension PKR at 5493.72

NOTE: THIS FORM MUST ALSO BE ATTACHED WHEN FILING PLUGGING FORM DOGM-UIC-6

COMPLETION & TEST DATA BY PRODUCING FORMATION

FORMATION	Desert Creek I	II	III
SPACING & SPACING ORDER NO.	40 acre Cause #C-3(B)		
CLASSIFICATION (DISPOSAL WELL, ENHANCED RECOVERY, LP GAS STORAGE)	Enhanced Recovery		
PERFORATED	I	5569-5582	III 5718-28
INTERVALS	II	5656-5664	
		5673-5695	
		5707-5712	
ACIDIZED?		2-4-66 4000 gal.	
		15% reg. acid	
FRACTURE TREATED?		No	

INITIAL TEST DATA

Converted to Injector 5-29-64

Date	5-29-64		
Oil, bbl./day	--		
Oil Gravity	--		
Gas, Cu. Ft./day	--	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	--		
Water-Bbl./day	2183		
Pumping or Flowing	flowing		
CHOKE SIZE	26/64		
FLOW TUBING PRESSURE	Vacuum		

A record of the formations drilled through, and pertinent remarks are presented on the reverse.
(use reverse side)

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

Telephone 307-237-3791

A.E. Stuart, Area Manager

Name and title of representative of company

Subscribed and sworn before me this SEP 22 '83 day of SEP 22 '83

Casper

DOWN HOLE SCHEMATIC

Date: 8/6/87

RATHERFORD Unit # 18W43

Location NE SE Sec. 18

RKB Elev. 4791'

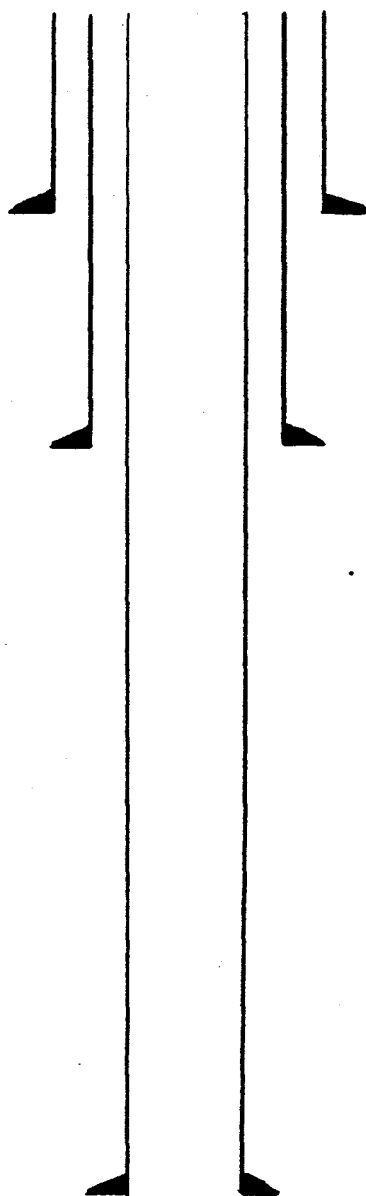
T41S - R24E

GL Elev. 4780'

Well Drld 3/2/58

RKB Above GL' 11'

Well converted
to injector 5/27/64



CONDUCTOR CSG 13³/₈ @ 175'

SURFACE CSG. 8⁵/₈ @ 1564'

TOC 4200'

Tubing @

PACKER

PERFS	<u>5569 - 82</u>	<u> </u>	<u> </u>
	<u>5656 - 64</u>	<u> </u>	<u> </u>
	<u>5707 - 12</u>	<u> </u>	<u> </u>
	<u>5718 - 28</u>	<u> </u>	<u> </u>

PBTD 5743'

PRODUCTION CSG. 5¹/₂ @ 5780'
J-55, 14#, 15.5#

All Perfs Zone I unless noted

WELL: 18W43
LOCATION: SENE Sec 18-41S-24E
FIELD: GREATER ANETH
RESERVOIR: Desert Creek I, II & III

COMPLETION: 5.29.64
PRESENT STATUS: S.I.

RKB 4790'
GL 4780.8'

174.8'

SURFACE CASING: 13 3/8" 27.1#
H-40

INTERMEDIATE CASING: 8 5/8" 24#
J-55

PRODUCTION CASING: 5 1/2" 15.5#
J-55

1504'

PERFORATIONS: _____
5369-82
5656-64
5673-95
5707-12
5718-28

PACKER: Baker Model "A"
Tension Pkr @ 5493.72'
Tubing: 2 1/2 @ 5493.72'

5493.7'

5369'

5728'

PBTD: 5743'
OTD: 5785'

5779.9'

Phillips Petroleum Company

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Phillips Well No. Ratherford unit 18W43
 County: San Juan T 40S R 24E Sec. 18 API# 43-037-16419
 New Well ☐ Conversion ☐ Disposal Well ☐ Enhanced Recovery Well ☒

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<u>Desert Creek</u>	

Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>85655</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	TDS <u>103622</u>

Known USDW in area Wingate Depth 1550
 Number of wells in area of review 0 Prod. 0 P&A 0
 Water 0 Inj. 2

Aquifer Exemption Yes ☐ NA ☒

Mechanical Integrity Test Yes ☐ No ☒

Date ☐ Type ☐

Comments: To c 5098

Reviewed by: AB

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: Phillips Petroleum
FIELD: Greater Aneth LEASE: Ratherford
WELL # 18W43 SEC. 18 TOWNSHIP 41S RANGE 24E
STATE UT. FEE DEPTH 5785 TYPE WELL INW MAX. INJ. PRESS. _____
SI 6-11-71 collapsed casing
TEST DATE 6/17/84

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>13 3/8</u>	<u>174</u>	<u>175</u>		<u>82</u>	
<u>INTERMEDIATE</u>	<u>8 5/8</u>	<u>1564</u>	<u>330</u>			
<u>PRODUCTION</u>	<u>5 1/2</u>	<u>5779</u>	<u>232</u>			
<u>TUBING</u>	<u>2 1/2</u>	<u>5493</u>			<u>Baker Packer</u>	

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Water Injection		4. LEASE DESIGNATION AND SERIAL NO. 14-20-603-355	
2. NAME OF OPERATOR Phillips Oil Company		5. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo <i>sent 6-3-85</i>	
3. ADDRESS OF OPERATOR P. O. Box 2920 Casper, WY 82602		7. UNIT ASSIGNMENT NAME SW-I-4192	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FSL, 660' FEL (NE SE)		8. FARM OR LEASE NAME Ratherford Unit	
14. PERMIT NO. 43-037-16419		9. WELL NO. 18W43	
15. ELEVATIONS (Show whether SP, RT, GR, etc.) 4792' RKB		10. FIELD AND POOL, OR WILDCAT Greater Aneth	
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec 18-T41S-R24E	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETS	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input checked="" type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input checked="" type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	Plug back to Zone I		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to repair collapsed casing and convert Ratherford Unit #18W43 from Zone I & II to Zone I water injection. After repairing the collapsed casing and plugging back to Zone I, the well will be acidized with 5000 gallons 28% HCL and returned to injection.

A 10'x8'x6' fenced pit will be constructed on location in a previously disturbed area. Upon completion of the workover, the pit will be dried and recovered.

- 5- BLM, Farmington, NM
- 2- Utah O&GCC, SLC, Utah
- 1- P. J. Adamson
- 1- B. Conner, 318 B- TRW
- 1- J. R. Weichbrodt
- 1- C. M. Anderson
- 1- B. J. Murphy
- 1- File RC

RECEIVED

MAY 11 1985

18. I hereby certify that the foregoing is true and correct

SIGNED *A. E. Stuart*

TITLE Area Manager

DATE 5/24/85

(This space for Federal or State office use)

APPROVED BY *Clem B. Taylor*

TITLE UC Manager

DATE 6/3/85

CONDITIONS OF APPROVAL, IF ANY

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injector		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-353	
2. NAME OF OPERATOR Phillips Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P. O. Box 2920, Casper, Wyoming 82602		7. UNIT AGREEMENT NAME SW-I-4192	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FSL & 660' FEL NE SE		8. FARM OR LEASE NAME Ratherford Unit	
DIVISION OF OIL, GAS & MINING		9. WELL NO. 18W43	
API #43-037-16419		10. FIELD AND POOL, OR WILDCAT Greater Aneth	
14. PERMIT NO.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18-41S-R24E	
15. ELEVATIONS (Show whether DF, BT, GR, etc.) RKB 4792'		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other) Repair Csg, PB to Zone I & XX Acidize

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

September 30, 1985 through October 25, 1985

PBTD 5743. MI WS Unit 9/30/85. Tag fill at 2529'. Set Model "C" BP at 2505'. Attempt to isolate csg leak w/pkr. Set pkr at 2490'. Press test above & below pkr to 1000 psi, held OK. Release pkr & BP. Set pkr at 341'. Circ by pumping down backside. Continue working up hole to isolate leak. Leak is either in the top 2' of csg or packoff on slips on 5-1/2" csg. Drld out to 2534'. Press test csg to 500 psi. Locate hole in csg between 2520' & 2534'. CO to 2534'. Run impression block, csg appears to be collapsed. GIH w/fishing tools. CO to 2546', lost 1100 psi pump press. Start OOH, tools parted in stem on accelerator. 191' of fish IH. WIH w/OS & grapple, rec all of fish. Swedged & milled collapsed csg to 2623', unable to repair. CO hole w/bit & scraper to 2610'. COOH w/workstring & scraper. Bit left in hole. Attempted to retrieve the fish bit - unsuccessful. Bit left in hole. Set cmt retainer at 2377'. Pump in 115 sx Class H cmt. Obtain 1680 psi holding sqz press. Reverse out 57 sx. LD workstring. Release Rig 10/25/85. Operations suspended pending evaluation.

4-BLM, Farmington, NM
2-Utah O&G CC, SLC, UT
1-M. Williams, B'ville
1-J. Landrum, Denver
1-J. Reno, Cortez

1-Chieftain
1-Mobil Oil
1-Texaco, Inc.
1-Chevron USA
1-File RC

18. I hereby certify that the foregoing is true and correct

SIGNED

D. C. Gill
D. C. Gill

TITLE

Area Manager

DATE

12/4/86

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0185
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Water Injection Well		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-353	
2. NAME OF OPERATOR Phillips Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo	
3. ADDRESS OF OPERATOR P.O. Box 2920, Casper, WY 82602		7. UNIT AGREEMENT NAME SW-I-4192	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FSL & 660' FEL (NE SE)		8. FARM OR LEASE NAME Ratherford Unit	
14. PERMIT NO. 43-037-16419		9. WELL NO. 18W43	
15. ELEVATIONS (Show whether DP, ST, OR, etc.) RKB 4792'		10. FIELD AND POOL, OR WILDCAT Greater Aneth	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18-T41S-R24E	
		12. COUNTY OR PARISH San Juan	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Repair collapsed casing

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to repair the collapsed casing and retrieve the fish (drill bit) in Ratherford Unit #18W43. The well will then be plugged back from Zone I & II to Zone I. Zone I will be acidized with 2850 gallons 28% HCl acid and the well will be returned to a Zone I water injection well.

5-BLM, Farmington, NM
2-Utah O&G CC, Salt Lake City, Utah
1-P. J. Adamson
1-M. Williams, 302 TRW
1-J. R. Reno
1-B. J. Murphy
1-File RC

RECEIVED
JAN 09 1987

DIVISION OF
OIL, GAS & MINING

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 11/28/87
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED

D. C. Gill

TITLE Area Manager

DATE December 29, 1986

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well		8. LEASE DESIGNATION AND SERIAL NO. 14-20-603-353	
2. NAME OF OPERATOR Phillips Petroleum Company		9. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo 123102 W1W	
3. ADDRESS OF OPERATOR P.O. Box 2920, Casper, WY 82602		7. UNIT ASSIGNMENT NAME SW-I-4192	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1980' FSL and 660' FEL (NE SE)		6. FARM OR LEASE NAME Ratherford Unit	
14. PERMIT NO. 43-037-16419		9. WELL NO. 18W43	
15. ELEVATIONS (Show whether DF, ST, GR, etc.) 4792' RKB		10. FIELD AND POOL, OR WILDCAT Greater Areth	
		11. SEC., T., R., M., OR B.L. AND SUBST OF AREA Sec. 18-T41S-R24E	
		12. COUNTY OR PARISH San Juan	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT. <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Repair Collapsed Casing <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The subject well has parted casing at 2500'. To date, three attempts have been made to repair casing problems in this well. All attempts have been unsuccessful. The proposed work for the subject well is contingent on the success of the planned work on Ratherford Unit #12W44.

If Ratherford Unit #12W44 collapsed casing is repaired, then a fourth attempt to repair the collapsed casing in the subject well is possible.

If Ratherford Unit #12W44 collapsed casing is not repairable, then the subject well will be plugged and abandoned.

- 5 - BLM, Farmington, NM
- 2 - Utah O&G CC, Salt Lake City, Utah
- 1 - P.J. Konkell
- 1 - M. Williams, 302 TRW
- 1 - J.R. Reno
- 1 - B.J. Murphy
- 1 - File RC

18. I hereby certify that the foregoing is true and correct

SIGNED D.C. Gill TITLE Area Manger DATE 11-6-87

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 11-12-87
BY: John P. Day

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Water Injection Well		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-353
2. NAME OF OPERATOR Phillips Petroleum Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1150, Cortez, CO 81321		7. UNIT AGREEMENT NAME SW - I - 4192
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1980' FSL 600' FEL (NE SE)		8. FARM OR LEASE NAME Ratherford Unit
14. PERMIT NO. 43-037-16419		9. WELL NO. 18W43
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4792' RKB		10. FIELD AND POOL, OR WILDCAT Greater Aneth
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 18-T41S-R24E
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

RECEIVED
DEC 12 1988

DIVISION OF
OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

It is proposed to plug and abandon the subject well. After two attempts to recomplate the well in 1977 and 1985, a third attempt was begun in March 1987 to recomplate the well as a Zone I injector. A cement retainer set at 2377' was drilled out to 2550', and a braden head squeeze was performed across the interval 2536' - 2538'. The squeeze was drilled out to 2508', with partially collapsed casing from 2489' to 2492'. The casing collapsed at 2502' - 2505', 2516', and 2532'. Voluminous amounts of shale were circulated from these intervals. Previously, the collapse was as deep as 2535'. After three unsuccessful attempts at a cost well over \$200K, it is believed that any further attempts to recomplate the well are futile. Attached please find a plug and abandonment procedure for your information.

5-BLM, Farmington, NM
2-Utah O&G CC, Salt Lake City, UT
1-P. J. Konkel, Casper
1-M. Williams, 302 TRW
1-M. L. Menghini
1-M. L. Paustian
1-Cortez Office - RC

Accepted by the State
of Utah Division of
Oil, Gas and Mining

Date: December 15, 1988

By: For Record Purposes only

18. I hereby certify that the foregoing is true and correct

SIGNED M. L. Menghini
M. L. Menghini

TITLE Cortez District Superintendent DATE December 5, 1988

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____ DATE _____

Federal Approval of this
Action is Necessary

*See Instructions on Reverse Side

Ratherford Unit Well 18W43 Plug and Abandonment Procedure

<u>PBTD</u> :	5743',	parted at 2502'	<u>MTD</u> :	5783'	<u>Elevation</u> :	4791'	RKB
<u>Production Casing</u> :	5-1/2",	14#,		15.5#,	set at	5780'	
<u>Intermed. Casing</u> :	8-5/8",	24#,			set at	1564'	
<u>Surface Casing</u> :	13-3/8",				set at	175'	
<u>Est. TOC</u> :	4265'						
<u>Perfs</u> :	5569-5582,	5656-5664					Zone I
	5673-5695,	5707-5712,	5718-5728				Zone II

1. Test anchors, MI, RU WSU. Hold and record safety meeting.
2. Bleed off pressure, test for H2S. ND WH & NU 3000 # BOP.
3. RIH w/ bit and scraper to 2500', +-. Circulate until returns clean up.
4. POOH w/ bit and scraper. RIH w/ cement retainer, set at 2450'.
5. Test retainer, sting out to ensure that setting tool will release.
6. MI, RU cementers. Hold safety meeting. Test surface lines to 3500 psi.
7. Sting into retainer, establish water injection rate and pressure down tubing. Pressure annulus to 500 psi and maintain throughout job.
8. Mix and pump 650 sx Class "B" cement (yield 1.18 ft³/sk).
9. Attempt to establish minimal squeeze pressure in latter stages of job.
10. If squeeze pressure is not obtained, displace w/ 20 bbl 9.6 ppg mud and attempt to pump 100 sx more cement. If squeeze pressure is obtained, displace w/ 13.5 bbl 9.6 ppg mud. Raise tubing three joints to close retainer, spot remaining cement on retainer. Raise tubing 5 stands. NOTE: As Zone I and Zone II are in communication in this well, VERY HIGH PRIORITY is attached to obtaining a good cement squeeze across the producing formations. THIS IS AN OPERATIONAL NECESSITY!!! A good squeeze should be pursued in this well using minimal injection rates and surface pressures.
11. Reverse circulate w/ 65 bbl, 9.6 ppg mud to fill hole with mud.
12. WOC 4 hours, RIH to tag top of cement @ 2400'. POOH.
13. MI & RU wireline perforators. Install lubricator, GIH w/ 1 each 1' long, 4" diameter HSC gun, w/ 5 each 19 gm charges per foot.
14. Fire gun at 1650', 86' below casing shoe. POOH and RD perforators.
15. Establish circulation down 5-1/2" and up 8-5/8" casing with 9.6 ppg mud until returns clean up.
16. Mix and pump 460 sx Class "B" cement to create a balanced plug in 5-1/2" casing and 5-1/2"-8-5/8" annulus from 1650' to surface.
17. Weld 3/8" thick steel plate on 8-5/8" casing. Install a permanent monument in the wellbore as per BLM and Utah specifications and restore location.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☐ OTHER WATER INJECTION & WATER SUPPLY WELLS

2. NAME OF OPERATOR
PHILLIPS PETROLEUM COMPANY

3. ADDRESS OF OPERATOR
152 N. DURBIN, 2ND FLOOR, CASPER, WYOMING 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

SEE ATTACHED

14. PERMIT NO.

15. ELEVATIONS (Show whether DT, RT, GR, etc.)

MAR 20 1989
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SW-I-4192

7. UNIT AGREEMENT NAME

RATHERFORD UNIT #7960041920

8. FARM OR LEASE NAME

9. WELL NO.

VARIOUS (see attached)

10. FIELD AND POOL, OR WILDCAT
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sections 1 thru 30
T41S - R23E & 24E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) CHANGE OF OWNERSHIP

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This is to advise all Water Injection and Water Supply Wells on the Ratherford Unit, listed on the attached sheet, were sold to Phillips Petroleum Company, effective August 1, 1985.

(former Operator - Phillips Oil Company)

3 - BLM, Farmington, NM
2 - Utah O&G CC, SLC, UT
1 - File

18. I hereby certify that the foregoing is true and correct

SIGNED

S. H. Oden

TITLE District Superintendent

DATE March 17, 1989

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

4. LEASE DESIGNATION AND SERIAL NO.

14-20-603-653

5. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

6. UNIT AGREEMENT NAME

SW-I-4192

7. FARM OR LEASE NAME

Ratherford Unit

8. WELL NO.

18W43

9. FIELD AND POOL, OR WILDCAT

Greater Aneth

10. SEC., T., R., N., OR BLK. AND
SURVEY OR AREA

Sec. 18-T41S-R24E

11. COUNTY OR PARISH

San Juan

12. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☐ Water Injector

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Box 1150, Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FSL & 660' FEL, NE SE

CORRECTED REPORT
Well Number Only

14. PERMIT NO.

API #43-037-16419

15. ELEVATIONS (Show whether SP, RT, OM, etc.)

4792' RKB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

SUBSEQUENT REPORT OF:

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

January 11, 1990 Thru January 15, 1990

MI & RU well service unit 1/11/90. ND wellhead, NU BOPs. GIH w/bit, csg scraper, and tbg to 2501'. Circ out drlg mud. Could not establish inj. COOH w/tbg, csg scraper, and bit and dug out cellar. GIH w/tbg to 2495'. Mixed and pmpd 75 sx Class G cmt plug w/additives. Pulled tbg to 1657' and COOH w/remaining tbg. TIH w/open ended tbg and tagged cmt at 1788'. COOH w/tbg. RU perforators and perf'd 1650-1651' w/five 19 gram charges in HSC gun. Est circ down 5-1/2" and up 8-5/8" csg. Mixed and pmpd 475 sx Class B neat cmt plug. Circ 5 bbls slurry out Bradenhead. RD & MO well service unit. Installed permanent marker and restored surface location except for seeding. Well plugged and abandoned 1/15/90.

Distribution:

5 - BLM, Farmington 1 - Mobil Oil
2 - Utah O&GCC 1 - Texaco, Inc.
1 - N. Anstine 1 - Chevron, USA
1 - V. S. Shaw 1 - Cortez Office
1 - S. H. Oden 1 - Houston Office
1 - E. D. Hasely 1 - Chieftain
1 - P. J. Konkell

UIC	
GLH	<input checked="" type="checkbox"/>
DJH	<input type="checkbox"/>
BGH	<input type="checkbox"/>
COMPUTER	
MICROFILM	
FILE	

OIL AND GAS	
GLH	<input checked="" type="checkbox"/>
DJH	<input type="checkbox"/>
BGH	<input type="checkbox"/>
2-TAS	

18. I hereby certify that the foregoing is true and correct

SIGNED

S. H. Oden

TITLE

District Superintendent

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

1/29/90

*See Instructions on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

Page 1 of 10

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

ACCOUNT NUMBER: N0772

P J KONKEL
PHILLIPS PETROLEUM COMPANY
5525 HWY 64 NBU 3004
FARMINGTON NM 87401

AUG 16 1993

REPORT PERIOD (MONTH/YEAR):

6 / 93

DIVISION OF
OIL, GAS & MININGAMENDED REPORT ☐ (Highlight Changes)

Well Name API Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
						OIL(BBL)	GAS(MCF)	WATER(BBL)
#21-23								
4303713754	06280	41S 24E 21	DSCR	POW	29	1374	883	58
#3-44								
4303715031	06280	41S 24E 3	DSCR	POW	30	111	94	2905
#3-14								
4303715124	06280	41S 24E 3	DSCR	POW	30	67	23	302
#9-12								
4303715126	06280	41S 24E 9	DSCR	POW	30	112	654	17363
#9-14								
4303715127	06280	41S 24E 9	DSCR	POW	30	201	315	423
#28-12								
4303715336	06280	41S 24E 28	PRDX	POW	29	112	47	2428
#29-12								
4303715337	06280	41S 24E 29	PRDX	POW	29	56	0	672
#29-32								
4303715339	06280	41S 24E 29	DSCR	POW	29	1402	287	2224
#29-34								
4303715340	06280	41S 24E 29	DSCR	POW	29	757	48	0
#30-32								
4303715342	06280	41S 24E 30	DSCR	POW	29	588	1049	3744
#3-12								
4303715620	06280	41S 24E 3	DSCR	POW	30	268	11	363
#9-34								
4303715711	06280	41S 24E 9	DSCR	POW	30	45	46	9800
#10-12								
4303715712	06280	41S 24E 10	DSCR	POW	30	45	23	1088
TOTALS						5138	3480	41370

COMMENTS: Effective July 1, 1993, Phillips Petroleum Company has sold its interest in the Ratherford Unit to Mobil Exploration and Producing U.S., Incorporated, P. O. Box 633, Midland, Texas 79702. Mobil assumed operations on July 1, 1993.

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 8/11/93

Name and Signature: PAT KONKEL

Pat Konkell

Telephone Number: 505 599-3452

MONTHLY OIL AND GAS DISPOSITION REPORT

OPERATOR NAME AND ADDRESS:

L.B. Sheffield~~BRIAN BERRY~~~~M-E-P-N-A MOBIL~~~~POB 219031 1807A RENTW~~~~DALLAS TX 75221-9031~~ *P.O. DRAWER G**CORTEZ, CO. 81321*UTAH ACCOUNT NUMBER: N7370REPORT PERIOD (MONTH/YEAR): 7 / 93AMENDED REPORT ☐ (Highlight Changes)**931006 updated.
Jca*

ENTITY NUMBER	PRODUCT	GRAVITY	BEGINNING INVENTORY	VOLUME PRODUCED	DISPOSITIONS				ENDING INVENTORY
		BTU			TRANSPORTED	USED ON SITE	FLARED/VENTED	OTHER	
05980	OIL			177609	177609	0			
	GAS			72101	66216	5885			
11174	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
	OIL								
	GAS								
TOTALS				249710	243825	5885			

COMMENTS:

*PLEASE NOTE ADDRESS change. Mobin ~~also~~ production Reports
will be compiled and sent from the Cortez, Co. office
IN THE FUTURE.*

I hereby certify that this report is true and complete to the best of my knowledge.

Name and Signature:

Lwell B Sheffield

Date:

9/5/93

Telephone Number:

*303.565.2212
244.658.2528*

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS <small>(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)</small>		5. LEASE DESIGNATION & SERIAL NO. 6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO TRIBAL 7. UNIT AGREEMENT NAME RATHERFORD UNIT 8. FARM OR LEASE NAME 9. WELL NO.																												
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> 2. NAME OF OPERATOR MOBIL OIL CORPORATION 3. ADDRESS OF OPERATOR P. O. BOX 633 MIDLAND, TX 79702 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface At proposed prod. zone		10. FIELD AND POOL, OR WILDCAT GREATER ANETH 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA																												
14. API NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY SAN JUAN 13. STATE UTAH																												
16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data																														
<table border="0" style="width: 100%;"> <tr> <th colspan="2" style="text-align: left;">NOTICE OF INTENTION TO:</th> <th colspan="2" style="text-align: left;">SUBSEQUENT REPORT OF:</th> </tr> <tr> <td>TEST WATER SHUT-OFF <input type="checkbox"/></td> <td>PULL OR ALTER CASING <input type="checkbox"/></td> <td>WATER SHUT-OFF <input type="checkbox"/></td> <td>REPAIRING WELL <input type="checkbox"/></td> </tr> <tr> <td>FRACTURE TREAT <input type="checkbox"/></td> <td>MULTIPLE COMPLETE <input type="checkbox"/></td> <td>FRACTURE TREATMENT <input type="checkbox"/></td> <td>ALTERING CASING <input type="checkbox"/></td> </tr> <tr> <td>SHOOT OR ACIDIZE <input type="checkbox"/></td> <td>ABANDON <input type="checkbox"/></td> <td>SHOOTING OR ACIDIZING <input type="checkbox"/></td> <td>ABANDONMENT* <input type="checkbox"/></td> </tr> <tr> <td>REPAIR WELL <input type="checkbox"/></td> <td>CHANGE PLANS <input type="checkbox"/></td> <td>(Other) <u>CHANGE OF OPERATOR</u> <input type="checkbox"/></td> <td></td> </tr> <tr> <td colspan="2">(Other) <input type="checkbox"/></td> <td colspan="2">(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</td> </tr> <tr> <td colspan="2">APPROX. DATE WORK WILL START _____</td> <td colspan="2">DATE OF COMPLETION _____</td> </tr> </table>			NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:		TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>	FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>	SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>	REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CHANGE OF OPERATOR</u> <input type="checkbox"/>		(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)		APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____	
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:																												
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>																											
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>																											
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>																											
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>CHANGE OF OPERATOR</u> <input type="checkbox"/>																												
(Other) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)																												
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION _____																												

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

AS OF JULY1, 1993, MOBIL OIL CORPORATION IS THE OPERATOR OF THE RATHERFORD UNIT. ATTACHED ARE THE INDIVIDUAL WELLS.

18. I hereby certify that the foregoing is true and correct

SIGNED Shirley Dodd

TITLE ENV. & REG TECHNICIAN

DATE 9-8-93

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

Sept 29, 1993

TO: Lisha Cordova - Utah Mining
Oil & Gas

FROM: Janice Easley
BLM Farmington, NM
505 599-6355

Here is copy of Rutherford Unit
Successor Operator.

4 pages including this one.

File: Rutherford Unit (GC)

RECEIVED
BLM

JUL 27 AM 11:44

Navajo Area Office
P. O. Box 1060
Gallup, New Mexico 87305-1060

070 FARMINGTON, NM

ARES/543

JUL 26 1993

Mr. G. D. Cox
Mobil Exploration and
Producing North America, Inc.
P. O. Box 633
Midland, Texas 79702

Dear Mr. Cox:

Enclosed for your information and use is the approved Designation of Operator between the Phillips Petroleum Company and Mobil Exploration and Producing North America, Inc. for the Rutherford Unit.

Please note that all other concerned parties will be furnished their copy of the approved document.

Sincerely,

[Handwritten Signature]

ACTING Area Director

Enclosure

cc: Bureau of Land Management, Farmington District Office w/enc.
TNN, Director, Minerals Department w/enc.

MINERALS DIVISION	
NO. 1	FILE
DATE	
TIME	
BY	
RECEIVED	
ALL COPY	
FILE	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

DESIGNATION OF OPERATOR

RECEIVED
BLM

Phillips Petroleum Company is, on the records of the Bureau of Indian Affairs, operator of the Ratherford Unit,

AREA OFFICE: Window Rock, Arizona
LEASE NO: Attached hereto as Exhibit "A"

070 FARMINGTON, NM

and, pursuant to the terms of the Ratherford Unit Agreement, is resigning as Unit Operator effective July 1, 1993, and hereby designates

NAME: Mobil Exploration and Producing North America Inc., duly elected pursuant to the terms of the Ratherford Unit Agreement,

ADDRESS: P. O. Box 633, Midland, Texas 79702
Attn: G. D. Cox

as Operator and local agent, with full authority to act on behalf of the Ratherford Unit lessees in complying with the terms of all leases and regulations applicable thereto and on whom the authorized officer may serve written or oral instructions in securing compliance with the Operating Regulations (43 CFR 3160 and 25 CFR 211 and 212) with respect to (described acreage to which this designation is applicable):

Attached hereto as Exhibit "A"

Bond coverage under 25 CFR 211, 212 or 225 for lease activities conducted by the above named designated operator is under Bond Number 05202782 (attach copy). Evidence of bonding is required prior to the commencement of operations.

It is understood that this designation of operator does not relieve any lessee of responsibility for compliance with the terms of the leases and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the leases.

In case of default on the part of the designated operator, the lessees will make full and prompt compliance with all regulations, lease terms, stipulations, or orders of the Secretary of the Interior or his representative.

Attached is the appropriate documentation relevant to this document.

The designated operator agrees to promptly notify the authorized officer of any change in the operatorship of said Ratherford Unit.

Phillips Petroleum Company

June 17, 1993

By: M. B. [Signature]
Attorney-in-Fact

Mobil Exploration and Producing
North America Inc.

June 11, 1993

By: B. D. Martiny
Attorney-in-Fact B.D. MARTINY

[Signature] ACTING AREA DIRECTOR
APPROVED BY TITLE DATE
7/9/93

APPROVED PURSUANT, TO SECRETARIAL REDELEGATION ORDER 209 DM 8 AND 230 DM 3.

This form does not constitute an information collection as defined by 44 U.S.C. 3502 and therefore does not require OMB approval.

EXHIBIT "A"

ATTACHED TO AND MADE A PART OF DESIGNATION OF SUCCESSOR OPERATOR, RATHERFORD UNIT

EXHIBIT "C"

Revised as of September 29, 1992
SCHEDULE OF TRACT PERCENTAGE PARTICIPATION

<u>Tract Number</u>	<u>Description of Land</u>	<u>Serial Number and Effective Date of Lease</u>	<u>Tract Percentage Participation</u>
1	S/2 Sec. 1, E/2 SE/4 Sec. 2, E/4 Sec. 11, and all of Sec. 12, T-41-S, R-23-E, S.L.M., San Juan County, Utah	14-20-603-246-A Oct. 5, 1953	11.0652565
2	SE/4 and W/2 SW/4 Sec. 5, the irregular SW/4 Sec. 6, and all of Sec. 7 and 8, T-41-S, R-24-E, San Juan County, Utah	14-20-603-368 Oct. 26, 1953	14.4159942
3	SW/4 of Sec. 4, T-41-S, R-24-E, San Juan County, Utah	14-20-603-5446 Sept. 1, 1959	.5763826
4	SE/4 Sec. 4, and NE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4035 March 3, 1958	1.2587779
5	SW/4 of Sec. 3, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5445 Sept. 3, 1959	.4667669
6	NW/4 of Sec. 9, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5045 Feb. 4, 1959	1.0187043
7	NW/4, W/2 NE/4, and SW/4 Sec. 10, SE/4 Sec. 9, T-41-S, R-24-E, San Juan County, Utah	14-20-603-4043 Feb. 18, 1958	3.5097575
8	SW/4 Sec. 9, T-41-S, R-24-E, S.L.M., San Juan County, Utah	14-20-603-5046 Feb. 4, 1959	1.1141679
9	SE/4 Sec. 10 and S/2 SW/4 Sec. 11 T-41-S, R-24-E, San Juan County, Utah	14-20-603-4037 Feb. 14, 1958	2.6186804
10	All of Sec. 13, E/2 Sec. 14, and E/2 SE/4 and N/2 Sec. 24, T-41-S, R-23-E, S.L.M., San Juan County, Utah	14-20-603-247-A Oct. 5, 1953	10.3108861
11	Sections 17, 18, 19 and 20, T-41-S, R-24-E, San Juan County Utah	14-20-603-353 Oct. 27, 1953	27.3389265
12	Sections 15, 16, 21, and NW/4, and W/2 SW/4 Sec. 22, T-41-S, R-24-E, San Juan County, Utah	14-20-603-355 Oct. 27, 1953	14.2819339
13	W/2 Section 14, T-41-S, R-24-E, San Juan County, Utah	14-20-603-370 Oct. 26, 1953	1.8500847
14	N/2 and SE/4, and E/2 SW/4 Sec. 29, NE/4 and E/2 SE/4 and E/2 W/2 irregular Sec. 30, and E/2 NE/4 Sec. 32, T-41-S, R-24-E, San Juan County, Utah	14-20-603-407 Dec. 10, 1953	6.9924969
15	NW/4 Sec. 28, T-41-S, R24-E San Juan County, Utah	14-20-603-409 Dec. 10, 1953	.9416393
16	SE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6504 July 11, 1961	.5750254
17	NE/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6505 July 11, 1961	.5449292
18	NW/4 Sec. 3, T-41-S, R-24-E San Juan County, Utah	14-20-0603-6506 July 11, 1961	.5482788
19	NE/4 Sec. 4, T-41-S, R24-E San Juan County, Utah	14-20-0603-7171 June 11, 1962	.4720628
20	E/2 NW/4 Sec. 4, T-41-S, R-24-E San Juan County, Utah	14-20-0603-7172 June 11, 1962	.0992482

100% Indian Lands

TOTAL 12,909.74

100.0000000

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____

☐ Suspense
(Return Date) _____
(To - Initials) _____

☒ Other
OPERATOR CHANGE

(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

1. Date of Phone Call: 10-6-93 : Time: 9:30

2. DOGM Employee (name) L. CORDOVA (Initiated Call ☒
Talked to:

Name GLEN COX (Initiated Call ☐ - Phone No. (915) 688-2114
of (Company/Organization) MOBIL

3. Topic of Conversation: OPERATOR CHANGE FROM PHILLIPS TO MOBIL "RATHERFORD UNIT".
(NEED TO CONFIRM HOW OPERATOR WANTS THE WELLS SET UP - MEPNA AS PER BIA APPROVAL
OR MOBIL OIL CORPORATION AS PER SUNDRY DATED 9-8-93?)

4. Highlights of Conversation: _____

MR. COX CONFIRMED THAT THE WELLS SHOULD BE SET UNDER ACCOUNT N7370/MEPNA AS
PER BIA APPROVAL, ALSO CONFIRMED THAT PRODUCTION & DISPOSITION REPORTS WILL NOW
BE HANDLED OUT OF THEIR CORTEZ OFFICE RATHER THAN DALLAS.

MEPNA-

PO DRAWER G

CORTEZ, CO 81321

(303)565-2212

*ADDRESS CHANGE AFFECTS ALL WELLS CURRENTLY OPERATED BY MEPNA, CURRENTLY
REPORTED OUT OF DALLAS (MCELMO CREEK).

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	REC/47-93
2	DTG/58-93
3	VLC
4	RJEV
5	DEE
6	PL

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-1-93)

TO (new operator) M E P N A
 (address) PO DRAWER G
CORTEZ, CO 81321
GLEN COX (915)688-2114
 phone (303) 565-2212
 account no. N7370

FROM (former operator) PHILLIPS PETROLEUM COMPANY
 (address) 5525 HWY 64 NBU 3004
FARMINGTON, NM 87401
PAT KONKEL
 phone (505) 599-3452
 account no. N0772(A)

Well(s) (attach additional page if needed):

***RATHERFORD UNIT (NAVAJO)**

Name: **SEE ATTACHED**	API: <u>4303716419</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 8-20-93) (6/93 Prod. Rpt. 8-16-93)
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Reg. 8-31-93) (Rec'd 9-14-93)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (O&G wells 10-6-93) (Wiw's 10-26-93)
- Sec 6. Cardex file has been updated for each well listed above. (O&G wells 10-6-93) (Wiw's 10-26-93)
- Sec 7. Well file labels have been updated for each well listed above. (O&G wells 10-6-93) (Wiw's 10-26-93)
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (10-6-93)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- ____ 3. The former operator has requested a release of liability from their bond (yes/no) ____.
Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: 11/17 1993.

FILING

- lec 1. Copies of all attachments to this form have been filed in each well file.
- lec 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

931006 BIA/Bm Approved 7-9-93.

✓ 12W-44	43-037-16405	14-20-603-246A	SEC. 12, T41S, R23E	SE/SE 660 FSL; 660 FEL	PA'd
✓ 12W-44A	43-037-31543	14-20-603-246A	SEC. 12, T41S, R23E	SE/SE 807 FEL; 772 FSL	
✓ 13-11W	43-037-31152	14-20-603-247A	SEC. 13, T41S, R23E	NW/NW 500 FNL; 660 FWL	
✓ 13-12	43-037-31127	14-20-603-247A	SEC. 13, T41S, R23E	SW/NW 1705 FNL; 640 FWL	
✓ 13W-13	43-037-15851	14-20-603-247A	SEC. 13, T41S, R23E	NW/SW 1980 FSL; 4620 FEL	
✓ 13-14	43-037-31589	14-20-603-247A	SEC. 13, T41S, R23E	660 FSL; 660 FWL	
✓ 13-21	43-037-31128	14-20-603-247A	SEC. 13, T41S, R23E	NE/NW 660 FNL; 1920 FWL	
✓ 13W-22	43-037-15852	14-20-603-247A	SEC. 13, T41S, R23E	SE/NW 1988 FNL; 3300 FEL	
✓ 13-23	43-037-31129	14-20-603-247A	SEC. 13, T41S, R23E	NE/SW 1980 FSL; 1930 FWL	
✓ 13W-44	43-037-15853	14-20-603-247	SEC. 13, T41S, R23E	600 FSL; 3300 FEL	
✓ 13W-32	43-037-16406	14-20-603-247A	SEC. 13, T41S, R23E	1881 FNL; 1979 FEL	
✓ 13W-33	43-037-15855	14-20-603-247A	SEC. 13, T41S, R23E	NW/SE 1970 FSL; 1979 FEL	
✓ 13W-34	43-037-31130	14-20-603-247A	SEC. 13, T41S, R23E	SW/SE 660 FSL; 1980 FEL	
✓ 13-41	43-037-15856	14-20-603-247A	SEC. 13, T41S, R23E	NE/NE 660 FNL; 660 FEL	
✓ 13W-42	43-037-15857	14-20-603-247A	SEC. 13, T41S, R23E	SE/NE 2139; 585 FEL	
✓ 13-43	43-037-31131	14-20-603-247A	SEC. 13, T41S, R23E	NE/SE 1700 FSL; 960 FEL	
✓ 13W-44	43-037-16407	14-20-603-247A	SEC. 13, T41S, R23E	SE/SE 635 FSL; 659 FEL	
✓ 14-03	NA	14-20-603-4037	SEC. 11, T41S, R23E	SW/SW 660 FSL; 660 FEL	
✓ 14-32	43-037-15858	14-20-603-247A	SEC. 14, T41S, R23E	2130 FNL; 1830 FEL	
✓ 14-41	43-037-31623	14-20-603-247A	SEC. 14, T41S, R23E	NE/NE 521 FEL; 810 FNL	
✓ 14W-42	43-037-15860	14-20-603-247A	SEC. 14, T41S, R23E	SE/NE 1976 FNL; 653 FEL	
✓ 14W-43	43-037-16410	14-20-603-247A	SEC. 14, T41S, R23E	3300 FSL; 4770 FEL	
✓ 14-33	43-037-15859	14-20-603-247	SEC. 14, T41S, R23E	2130 FSL; 1830 FEL	
✓ 15-12	43-037-15715	14-20-603-355	SEC. 15, T41S, R24E	1820 FNL; 500 FWL	
✓ 15W-21	43-037-16411	14-20-603-355	SEC. 15, T41S, R24E	660 FNL; 1820 FWL	
✓ 15-22	43-037-30449	14-20-603-355	SEC. 15, T41S, R24E	SE/NW, 1980 FNL; 2050 FWL	
✓ 15-32	43-037-15717	14-20-603-355A	SEC. 15, T41S, R24E	1980 FNL; 1980 FEL	
✓ 15-33	43-037-15718	14-20-603-355	SEC. 15, T41S, R24E	NW/SE 1650 FSL; 1980 FEL	
✓ 15-41	43-037-15719	14-20-603-355	SEC. 15, T41S, R24E	660 FNL; 660' FEL	
✓ 15-42	43-037-30448	14-20-603-355	SEC. 15, T41S, R24E	SE/NE 2020 FNL; 820 FEL	
✓ 16W-12	43-037-15720	14-20-603-355	SEC. 16, T41S, R24E	SW/NW 1880 FNL; 660 FWL	
✓ 16-13	43-037-31168	14-20-603-355	SEC. 16, T41S, R24E	1980 FSL; 660 FWL	
✓ 16W-14	43-037-15721	14-20-603-355	SEC. 16, T41S, R24E	SW/SW 660 FSL; 660 FWL	
✓ 16W-21	43-037-16414	14-20-603-355	SEC. 16, T41S, R24E	NE/NW 660 FNL; 1880 FWL	
✓ 16W-23	43-037-15722	14-20-603-355	SEC. 16, T41S, R24E	NE/SW 1980 FSL; 1980 FWL	
✓ 16-32	43-037-15723	14-20-603-355	SEC. 16, T41S, R24E	1980 FNL; 1980' FEL	
✓ 16-34	43-037-15724	14-20-603-355	SEC. 16, T41S, R24E	660 FNL; 1980' FEL	
✓ 16-41	43-037-15725	14-20-603-355	SEC. 16, T41S, R24E	660 FNL; 660 FEL	
✓ 16W-43	43-037-16415	14-20-603-355	SEC. 16, T41S, R24E	NE/SE 2140 FSL; 820 FEL	
✓ 17-11	43-037-31169	14-20-603-353	SEC. 17, T41S, R24E	NW/NW 1075' FNL; 800' FWL	
✓ 17W-12	43-037-15726	14-20-603-353	SEC. 17, T41S, R24E	SW/NW 1980' FNL; 510' FWL	
✓ 17-13	43-037-31133	14-20-603-353	SEC. 17, T41S, R24E	NW/SW 2100' FSL; 660' FWL	
✓ 17W-14	43-037-15727	14-20-603-353	SEC. 17, T41S, R24E	SW/SW 660' FSL; 660' FWL	
✓ 17W-21	43-037-16416	14-20-603-353	SEC. 17, T41S, R24E	510' FNL; 1830' FWL	
✓ 17-22	43-037-31170	14-20-603-353	SEC. 17, T41S, R24E	1980' FNL; 1980' FWL	
✓ 17W-23	43-037-15728	14-20-603-353	SEC. 17, T41S, R24E	NE/SW 1980' FWL; 1880' FSL	
✓ 17-31	43-037-31178	14-20-603-353	SEC. 17, T41S, R24E	NW/NE 500' FNL; 1980' FEL	
✓ 17-32W	43-037-15729	14-20-603-353	SEC. 17, T41S, R24E	SW/NE 1830' FNL; 2030' FEL	
✓ 17-33	43-037-31134	14-20-603-353	SEC. 17, T41S, R24E	NW/SE 1980' FSL; 1845' FEL	
✓ 17-34W	43-037-15730	14-20-603-353	SEC. 17, T41S, R24E	SW/SE 560' FSL; 1880' FEL	
✓ 17W-41	43-037-15731	14-20-603-353	SEC. 17, T41S, R24E	610' FNL; 510' FEL	
✓ 17-42	43-037-31177	14-20-603-353	SEC. 17, T41S, R24E	SE/NE 1980; FNL, 660' FEL	
✓ 17-44	43-037-15732	14-20-603-353	SEC. 17, T41S, R24E	660 FSL; 660' FEL	
✓ 17W-43	43-037-16417	14-20-603-353	SEC. 17, T41S, R24E	NE/SE 1980' FSL; 660' FEL	
✓ 18-11	43-037-15733	14-20-603-353	SEC. 18, T41S, R24E	NW/NW 720' FNL; 730' FWL	
✓ 18-12W	43-037-31153	14-20-603-353	SEC. 18, T41S, R24E	SW/NW 1980' FNL; 560' FWL	
✓ 18W-21	43-037-16418	14-20-603-353	SEC. 18, T41S, R24E	NE/NW 660' FNL; 1882' FWL	
✓ 18-22	43-037-31236	14-20-603-353	SEC. 18, T41S, R24E	SW/NW 2200' FNL; 2210' FWL	
✓ 18W-23	43-037-30244	14-20-603-353	SEC. 18, T41S, R24E	NE/SW 2385' FSL; 2040' FWL	
✓ 18W-14	43-037-15735	14-20-603-353	SEC. 18, T41S, R24E	SW/SW 810' FSL; 600' FWL	
✓ 18-24	43-037-31079	14-20-603-353	SEC. 18, T41S, R24E	SE/SW 760' FSL; 1980' FWL	
✓ 18-31	43-037-31181	14-20-603-353	SEC. 18, T41S, R24E	NW/NE 795' FNL; 2090; FEL	
✓ 18W-32	43-037-15736	14-20-603-353	SEC. 18, T41S, R24E	SW/NE 2140' FNL; 1830' FEL	
✓ 18-33	43-037-31135	14-20-603-353	SEC. 18, T41S, R24E	NW/SE 1870' FSL; 1980' FEL	
✓ 18-34W	43-037-15737	14-20-603-353	SEC. 18, T41S, R24E	SW/SE 780' FSL; 1860 FEL	
✓ 18W-41	43-037-15738	14-20-603-353	SEC. 18, T41S, R24E	NE/NE 660' FNL; 660' FEL	
✓ 18-42	43-037-31182	14-20-603-353	SEC. 18, T41S, R24E	SE/NE 2120' FNL; 745' FEL	
✓ 18W-43	43-037-16419	14-20-603-353	SEC. 18, T41S, R24E	NE/SE 1980' FSL; 660' FEL	PA'd
✓ 18-44	43-037-31045	14-20-603-353	SEC. 18, T41S, R24E	SE/SE 660' FSL; 660' FEL	
✓ 19-11	43-037-31080	14-20-603-353	SEC. 19, T41S, R24E	NW/NW 660' FNL; 660' FWL	
✓ 19-12	43-037-15739	14-20-603-353	SEC. 19, T41S, R24E	600' FWL; 1980' FNL	
✓ 19-14	43-037-15740	14-20-603-353	SEC. 19, T41S, R24E	600' FSL; 660' FEL	